

Figure 1

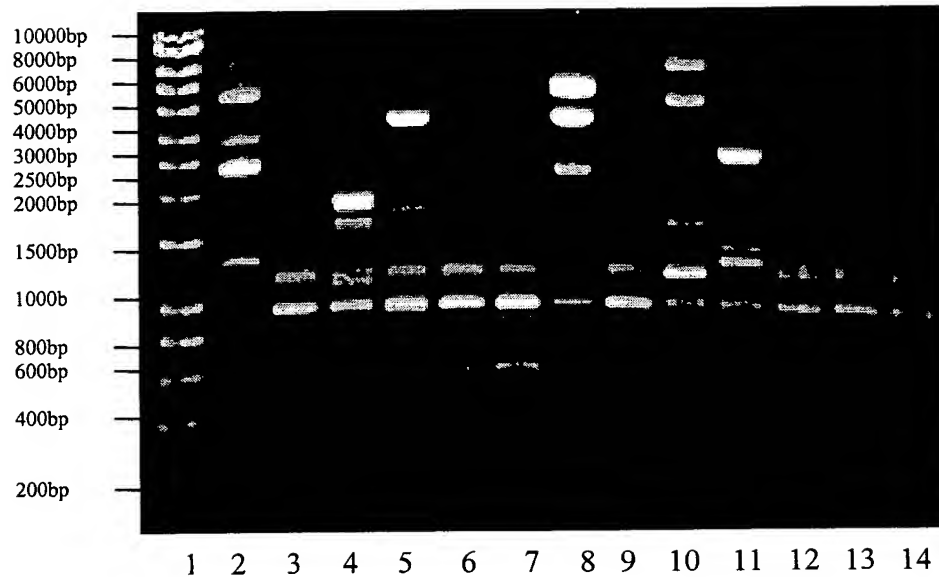
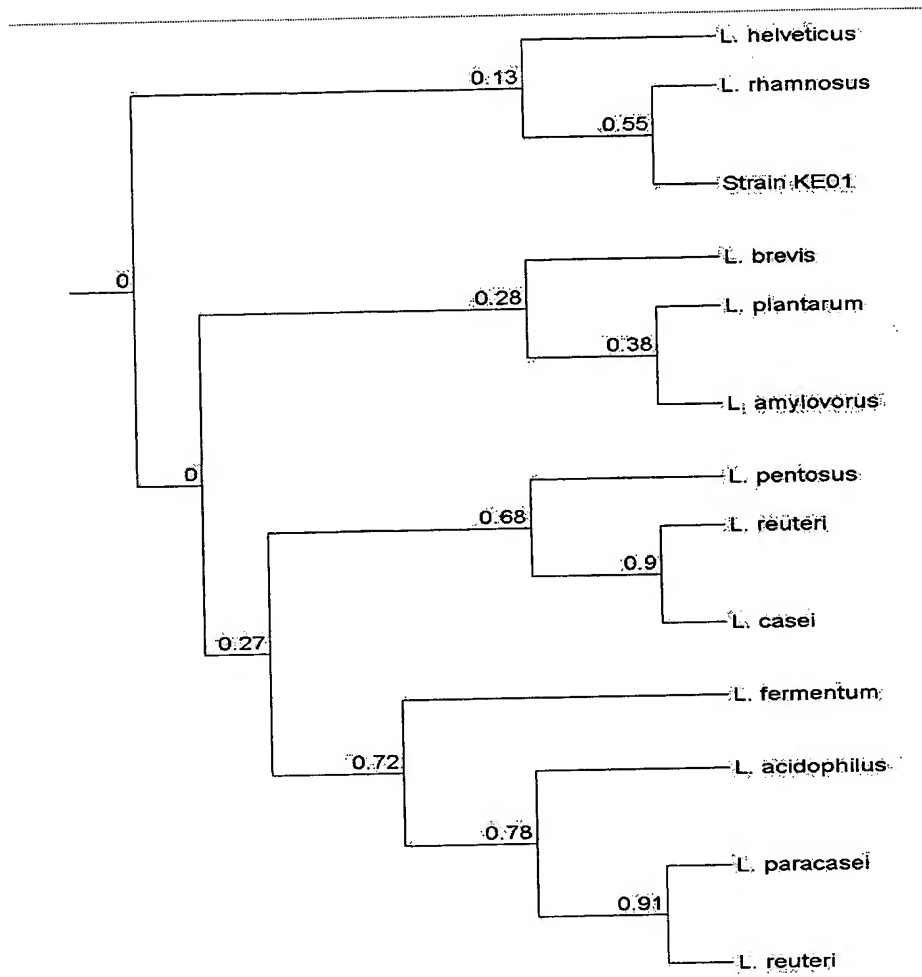


Figure 1. Lane 1: Molecular weight Marker HyperLadder I, Lane 2: strain KE-01, Lane 3: *Lactobacillus acidophilus* ATCC# 4356, Lane 4: *Lactobacillus amylovorus* ATCC# 33620, Lane 5: *Lactobacillus brevis* ATCC# 14869, Lane 6: *Lactobacillus delbrueckii* subsp. *lactis* ATCC# 12315, Lane 7: *Lactobacillus fermentum* ATCC# 14931, Lane 8: *Lactobacillus helveticus* ATCC# 15009, Lane 9: *Lactobacillus paracasei* subsp. *paracasei* ATCC# 25302, Lane 10: *Lactobacillus plantarum* ATCC# 14917, Lane 11: *Lactobacillus casei* ssp. *rhamnosus* ATCC#7469, Lane 12: *Lactobacillus pentosus* ATCC# 8041, Lane 13: *Lactobacillus casei* ssp. *casei* ATCC# 393, Lane 14: *Lactobacillus reuteri* ATCC#23272.

Figure 2



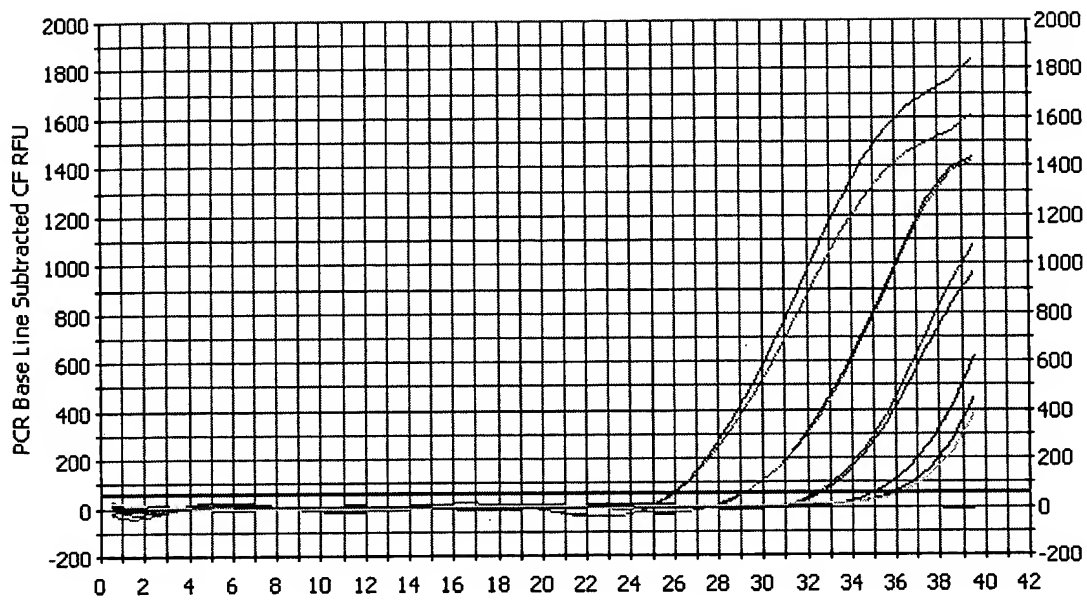


Figure 3.

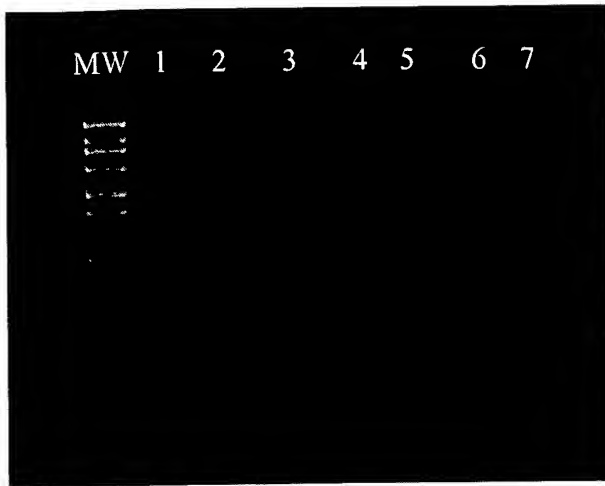


Figure 4: Specificity of KE01 Primer set was confirmed by SDS-PAGE: (MW) molecular weight marker, Hyperladder III (BioLine, Randolph, MA); (Lane-1) *L. pentosus* ATCC 8041; (Lane-2) *L. plantarum* ATCC 14917; (Lane-3) strain KE01; (Lane-4) *E. coli* ATCC 43895; (Lane-5) *L. paracasei* subsp. *paracasei* ATCC 25302; (Lane-6) *L. casei* ATCC393; (Lane-7) Negative Control

FIG. 5: Separation of cap (504) and body (506) and encapsulation of probiotic/oil mixture by nitrogen-purge instant bonding (NPIB) technique

